

1 Attorney Docket No. 82680

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3 A FIBER OPTIC SWITCH

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5 ABSTRACT OF THE DISCLOSURE

6 A method of switching from a single input optical fiber to
7 one or more output fibers comprising the steps of providing an
8 input signal into the input optical fiber, splitting the input
9 signal and the input optical fiber to form a plurality of
10 optical fibers and a plurality of split input signals each of
11 the optical fibers carrying a single one of the plurality of the
12 split input signals, attenuating the plurality of the split
13 input signals, amplifying at least one of the plurality of the
14 split input signals with a laser activated amplifier to produce
15 at least one output signal, and outputting the at least one
16 amplified split input signals through corresponding at least one
17 output fibers.